

## Invention Disclosure

Sheet 34 of 40

Inventor: Curtis Jude Martin  
Address: 1640 Franklin Avenue - Kent, Ohio 44240-4383 - USA  
Title of Invention: E.V.E. emergency vehicle environment

### ┌ Claims

What the invention disclosed is:

1. A system of frequency modulating devices for unobstructing  
the path of emergency vehicles comprising:

a transmitter to be used by an emergency vehicle;

the transmitter is automatically actuated by the use of the  
siren in the emergency vehicle;

the transmitter automatically adjusts the strength of its  
signal;

Inventor: *Curtis J. Martin* Date: 08/26/03

Application/Control No.:  
10/002,569

The above confidential information is Witnessed and Understood:

*Ron Imbrogno* Date: 8/26/03

Group Art Unit: 2632

*Wallace* Date: 8/26/03

Examiner: Daniel Previl

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the transmitter automatically, directionally delivers its signal  
to one sector of what an undirected/omni-directional signal  
would be;

a receiver to be used by a non-emergency vehicle, automatically  
actuates an intermittent warning light when a signal is received  
from the transmitter;

a receiver housed in a conventional traffic light fixture, which  
automatically actuates an intermittent warning light when a  
signal is received from the transmitter.

2. A system of FM radio devices for unobstructing the path of  
emergency vehicles comprising:

a transmitter to be used by an emergency vehicle;

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Walter Date: 8/26/03

Examiner: Daniel Previl

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the transmitter employing a condenser microphone for automatic  
actuation by the use of the siren in the emergency vehicle;  
  
the transmitter employing an accelerometer to control its  
transmission signal's strength/length;  
  
the transmitter employing a directional antenna to control its  
transmission signal's width;  
  
a receiver to be used by a non-emergency vehicle, which actuates  
an intermittent warning light when a signal is received from the  
transmitter;  
  
a receiver housed in a conventional traffic light fixture, which  
actuates an intermittent warning light when a signal is received  
from the transmitter.

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Walt D... Date: 8/26/03

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3. A system of dedicated-channel, analog-based, FM radio devices  
for unobstructing the path of emergency vehicles comprising:

a dedicated-channel, analog-based, FM radio transmitter placed  
in the interior (such as on the dashboard) or on the exterior  
(such as the light bar) of an emergency vehicle (the "EVE  
Transmitter").

the EVE Transmitter is manually activated, or by employing its  
condenser microphone, automatically actuated by the use of the  
siren in the emergency vehicle;

the EVE Transmitter controls its transmission signal's length by  
employing an accelerometer;

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Walden Date: 8/26/03

Examiner: Daniel Previl

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the EVE Transmitter controls its transmission signal's width by  
employing a directional antenna;

a stand-alone, miniature, dedicated-channel, analog-based, FM  
radio receiver placed in (such as on the dashboard) a non-  
emergency vehicle (the "EVE Mini-Receiver"), which actuates an  
intermittent (blinking or strobe), warning light when a signal  
is received from the EVE Transmitter;

an integrated, miniature, dedicated-channel, analog-based, FM  
radio receiver placed in (such as in the dashboard) a non-  
emergency vehicle (the "EVE Icon-Receiver"), which actuates an  
intermittent (blinking or strobe), warning light when a signal  
is received from the EVE Transmitter;

a dedicated-channel, analog-based, FM radio receiver housed in a  
conventional traffic light fixture or similarly appearing

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William Date: 8/26/03

Examiner: Daniel Previl

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fixture (the "EVE Traffic-Receiver"), which actuates an  
intermittent (blinking or strobe), warning light when a signal  
is received from the EVE Transmitter.

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